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Patent  
Attorney's Docket No. 033211-021

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                               |   |                            |
|-------------------------------|---|----------------------------|
| In re Patent Application of   | ) |                            |
|                               | ) |                            |
| Takeshi WADA et al.           | ) | Group Art Unit: Unassigned |
|                               | ) |                            |
| Application No.: 10/081,236   | ) | Examiner: Unassigned       |
|                               | ) |                            |
| Filed: February 25, 2002      | ) | Confirmation No.: 3854     |
|                               | ) |                            |
| For: HEAD SLIDER WITH PRECISE | ) |                            |
| POSITIONING ACTUATOR AND      | ) |                            |
| MANUFACTURING METHOD OF THE   | ) |                            |
| HEAD SLIDER                   | ) |                            |

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:

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Date: July 2, 2002



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTATTORNEY'S DKT NO.  
033211-021APPLICATION NO.  
10/081,236APPLICANT  
Takeshi WADA et al.FILING DATE  
February 25, 2002GROUP  
Unassigned

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials | U.S. Patent Document |                         | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>(MM-DD-YYYY) |
|----------------------|----------------------|-------------------------|--|-------------------------------------|
|                      | Number               | Kind Code<br>(if known) |  |                                     |
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## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials | Foreign Patent Document |                         | Country | Date of Publication<br>(MM-DD-YYYY) | Translation |    |
|----------------------|-------------------------|-------------------------|---------|-------------------------------------|-------------|----|
|                      | Number                  | Kind Code<br>(if known) |         |                                     | Yes         | no |
|                      | 5-210933                |                         | Japan   | 08/20/1993                          | X           |    |
|                      | 2000-113615             |                         | Japan   | 04/21/2000                          | X           |    |
|                      | 2000-348451             |                         | Japan   | 12/15/2000                          | X           |    |
|                      |                         |                         |         |                                     |             |    |
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|                      |                         |                         |         |                                     |             |    |
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|                      |                         |                         |         |                                     |             |    |

## NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials  | Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |                    |
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| Examiner<br>Signature |   |  | Date<br>Considered |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.